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## CLAIMS

1. A composite hollow fiber membrane made by stacking three or more layers of membranes that have a three-dimensional net structure having a plurality of micropores formed from stacked lamella and microfibrils connected with the stacked lamella, wherein

a dense layer, that is thinner than the outermost layer and the innermost layer and has micropores of a mean pore diameter smaller than that of the micropores of the outermost layer and the innermost layer, is disposed as an intermediate layer between the outermost layer and the innermost layer, while the composite hollow fiber membrane has overall porosity of not less than 75% by volume.

2. The composite hollow fiber membrane according to claim 1, wherein the isothermal crystallization time  $\tau_s$  of the resin used for the outermost layer and the innermost layer and the isothermal crystallization time  $\tau_p$  of the resin used for the dense layer satisfy the following relationship:

$$1 < \tau_p / \tau_s < 100.$$

3. The composite hollow fiber membrane according to claim 1, wherein the outermost layer and the innermost layer have a mean microfibril length in a range from 0.5 to 10  $\mu\text{m}$  and mean distance between microfibril in a range from 0.1 to 0.6  $\mu\text{m}$ .

4. The composite hollow fiber membrane according to claim



least 5.

WHAT?

ADD N<sup>3</sup>

[illegible]